

# Manhole Inspection Summary

# Manhole # S23M1\_010MH

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**Inspection**  Is Incomplete Rating: **3) Fair**

Record Plat: **23M1** Node: **010** Status: **Found**

Insp Date: **1/21/09 11:49 AM**

Incomplete Comments

Crew: **skfw**  
Inspector: **wjenkins**  
Firm: **PER**

**Location** Address: **2727 Norland Ave**

Cross Street: **Stranden-Mallview Alley**

**Manhole** Type: **Inline** Location: **Roadway** Ground Conditions: **Dry**

Prev. Rehab Weather: **Dry** Subject To Ponding: **None**

Comments

**Cover** Shape: **Circular** Diameter: **25** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**

Properties:  Bolted  Vented  Water Tight  Water Tight Insert

**Frame** Offset: **3.5** (in.) Condition:  Sound  Cracked  Leaks

**Chimney / Frame Adjustment**  Exists Material: **Brick**  Parged Height: **5** (in.)

Condition:  Sound  Cracked  Root Intrusion  **Loose Brick**  **Deteriorated**

Infiltration:  None  **Joint**  Cracks  **Mortar**  Roots  **Wall**

**Corbel** Material: **Brick**  Parged Type: **Concentric/Eccentric**

Condition:  Sound  Cracked  Root Intrusion  Loose Brick  Deteriorated

Infiltration:  None  **Joint**  Cracks  Mortar  Roots  **Wall**

**Barrel** Material: **Brick**  Parged

Shape: **Circular** Diameter: **42** (in.) Length: **0** (in.)

Condition:  Sound  Cracked  Root Intrusion  Loose Brick  Deteriorated

Infiltration:  None  Joint  Cracks  Mortar  Roots  **Wall**

**Bench**  Exists Material: **Brick**  Parged

Condition:  Sound  Cracked  Root Intrusion  Deteriorated  Leaks  **Debris**

**Channel** Material: **Brick**  Parged

Channel Exposure: **Partially Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition:  Sound  Cracked  Root Intrusion  Deteriorated  Leaks  **Debris**

**Steps** Count: **4** Missing: **0**  **Corroded**

**Surcharge**  Evidence Of Surcharge Depth: **0** (ft.)  Active Surcharge Present

Location View



facing Mallview Ave

mh cover



Top View



Defect 8



gap at the chimney/frame

Defect 7



signs of infiltration in chimney and corbel and corroded rungs, frame offset

Defect 5



debris on becnh

Defect 3



heavy debris in channels

Defect 2



infiltration barrel wall

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8 in. Circular Gravity Sewer  
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay**  Pipe Lined  
Invert Depth: **8.04** (ft.) Flow Characteristics: **Slow**  
Deposits:  None  Mud  Sludge  **Debris**  Grease  
Silt Depth: **3** (in.) Deposits Extent: **Medium**  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**  
 Possible Illicit Connection

8 in. Circular Gravity Sewer  
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: **8.4** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay**  Pipe Lined  
Invert Depth: **7.86** (ft.) Flow Characteristics: **Slow**  
Deposits:  None  Mud  Sludge  **Debris**  Grease  
Silt Depth: **0** (in.) Deposits Extent:  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**  
 Possible Illicit Connection

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6 in. Circular Gravity Sewer

8 O'Clock Inflow

Pipe In @ 8 O'Clock



Pipe Height: **6** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay**  Pipe Lined  
Invert Depth: **7.75** (ft.) Flow Characteristics: **Slow**  
Deposits:  None  Mud  Sludge  **Debris**  Grease  
Silt Depth: **3** (in.) Deposits Extent: **Medium**  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **House connection / Service line**

Possible Illicit Connection

6 in. Circular Gravity Sewer

9 O'Clock Inflow

Pipe In @ 9 O'Clock



Pipe Height: **6** (in.) Rod and Bar (Angled)  
Pipe Material: **Clay**  Pipe Lined  
Invert Depth: **7.80** (ft.) Flow Characteristics: **Slow**  
Deposits:  None  Mud  Sludge  **Debris**  Grease  
Silt Depth: **0.5** (in.) Deposits Extent: **Light**  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **House connection / Service line**

Possible Illicit Connection